

# SALISBURY STATE COLLEGE

1979/80 GRADUATE CATALOG

## POLICY OF NONDISCRIMINATION

Salisbury State College admits students of any race, color, national and ethnic origin, sex and religion to all rights, privileges, programs and activities generally accorded or made available to students at the college. It does not discriminate on the basis of race, color, national and ethnic origin, sex or religion in administration of its employment and educational policies, admissions policies, scholarship and loan programs, and other college-administered programs.

Discrimination on the basis of sex is prohibited in accordance with all requirements of Title IX of the Education Amendments of 1972. All inquiries regarding compliance with Title IX may be directed to SSC's Title IX Coordinator, Office of Admissions and Students Affairs, or to the Director of the Office of Civil Rights, Department of Health, Education and Welfare, Washington, D.C.

# SALISBURY STATE COLLEGE

# Graduate Catalog 1979-1980

SALISBURY, MARYLAND 21801

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All inquiries concerning graduate study should be addressed to the Graduate Office, Salisbury State College, Salisbury, Maryland 21801.

# ACADEMIC CALENDAR

## FALL SEMESTER 1979

| | | |
|---|---|---|
| Wednesday | August 29 | Classes Begin |
| Friday | August 31 | Labor Day Holiday — begins after last class |
| Wednesday | September 5 | Classes Resume |
| Tuesday | September 11 | Fall Convocation<br>End of Drop/Add — Day Classes 6:00 p.m. |
| Wednesday | September 19 | End of Drop/Add — Evening Classes 4:30 p.m. |
| Friday | October 19 | Midsemester |
| Tuesday | November 20 | Thanksgiving Holidays — begin after last class |
| Monday | November 26 | Classes Resume |
| Tuesday | December 11 | Classes End |
| Thursday | December 13 | Final Exams Begin |
| Wednesday | December 19 | Final Exams End — End of Semester 10 p.m. |
| Thursday | December 20 | Commencement |

## SPRING SEMESTER 1980

| | | |
|---|---|---|
| Monday | January 14 | Classes Begin |
| Monday | January 21 | End of Drop/Add — Day Classes 6:00 P.M. |
| Friday | January 25 | End of Drop/Add — Evening Classes 4:30 p.m. |
| Friday | February 29 | Spring Vacation — begins after last class |
| Monday | March 10 | Classes Resume<br>Midsemester |
| Tuesday | April 22 | Honors Convocation |
| Friday | April 25 | Classes End |
| Monday | April 28 | Final Exams Begin |
| Friday | May 2 | Final Exams End — End of Semester 10 p.m. |
| Saturday | May 3 | Commencement |



## SUMMER EVENING SESSION

| | | |
|---|---|---|
| Monday | May 12 | Classes Begin |
| Friday | July 4 | Classes End |

## SUMMER SESSION I

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|---|---|---|
| Monday | June 2 | Classes Begin |
| Friday | July 4 | Classes End |

## SUMMER SESSION II

| | | |
|---|---|---|
| Monday | July 7 | Classes Begin |
| Friday | August 8 | Classes End |

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# THE COLLEGE

### ACCREDITATION

Salisbury State College is a fully accredited multi-purpose, liberal arts and teacher education institution offering undergraduate programs leading to the bachelor of arts and bachelor of science degrees, and graduate programs leading to the master of education degree, and the master of arts degree in English, in history, and in psychology. The college is accredited by the Middle States Association of Colleges and Secondary Schools, the Maryland State Board of Education, the National Council for Accreditation of Teacher Education, and the Council on Social Work Education.

### STATE SUPPORT

The college is an integral part of the public system of higher education in the state of Maryland. It is governed by the Board of Trustees of the State Universities and Colleges and is supported by appropriations authorized by the state legislature.

### PHILOSOPHY

As a state-supported educational institution, Salisbury State College is concerned with its accountability and educational responsibilities in all areas of operations. Such responsibility prompts establishing a primary objective of providing academic programs for all segments of the public. In addition, the college concerns itself with offering all of its physical facilities to the community for enrichment purposes.

The college strives to provide highest quality undergraduate and graduate programs leading to the various degrees. In addition, effort is made to constantly improve daytime, evening and summer non-credit programs, as well as to create new educational experiences whenever a need arises.

The college's institutional philosophy is based not on rigidity and exclusiveness, but on flexibility of services to all who wish to avail themselves.

Salisbury State College perceives itself as a place where every person —regardless of race, creed or religion—will be respected with dignity. That person will be afforded the opportunity to develop his or her mind and body to its fullest capabilities. The resources are vast, the opportunities are nearly limitless to all who wish to energetically accept the challenges.

### HISTORY

In 1922 the state legislature established a commission to determine a location for a two-year normal school on the Eastern Shore of Maryland. A site at Salisbury was selected by the commission, and the institution opened in September 1925.

The school offered a two-year course for the preparation of elementary school teachers in Maryland until 1931 and 1934, when respective increases of three and four years were made. By action of the legislature of 1935, the college was authorized to grant the bachelor of science degree and to change its name to the State Teachers College at Salisbury.

Prior to 1947 the college limited its program to the preparation of teachers for the elementary schools. Expansion of the teacher preparation program occurred that year to include the junior high school level and in 1960 to include secondary school teachers, with a four-year program in arts and sciences with majors in several academic fields leading to the bachelor of arts and bachelor of science degrees. In 1962 the State Board of Trustees approved a graduate program in education leading to the master of education degree, in 1971 a program leading to the master of arts degree in history was approved, in 1974 a master of arts degree in English was approved and in 1975 a master of arts degree in psychology was established.

In 1963, Salisbury State College became one of the State Colleges of Maryland under jurisdiction of the Board of Trustees of the State Colleges. Major emphasis was placed on the four-year program for undergraduates, offering majors in the arts and sciences as well as professional preparation leading to teacher certification.

### LOCATION

Salisbury State College is located on U.S Route 13 at the southern edge of Salisbury, which has a metropolitan population of 50,000 and lies 32 miles west of Ocean City, Md., 115 miles southeast of Baltimore and Washington, 125 miles south of Philadelphia and 125 miles north of Norfolk, Va.

## FACILITIES

**HOLLOWAY HALL** is primarily the administrative office building of the college. It contains most administrative offices, faculty offices, classrooms and some student offices. Also in Holloway are a modern 776-seat auditorium, paneled Social Room and the National Ward Foundation Wildfowl and Woodcarving Museum.

**BLACKWELL LIBRARY,** near the center of the campus, houses 180,000 items in open stacks, including books, bound periodicals, government documents, and a curriculum laboratory. The library subscribes to 1,800 periodicals and has extensive non-book resources including microforms, filmstrips, phono recordings, and cassettes.

**CARUTHERS HALL,** located near Route 13, to the right of the main entrance to the college, houses additional administrative offices, the Continuing Education Office, the Admissions Office, the Office of Graduate Studies, teacher education offices, as well as classrooms, faculty offices, and a 225-seat auditorium.



**THE COLLEGE CENTER,** located between Devilbiss Hall and the Ruth Powell Dining Hall, includes a lounge, snack bar, book store, meeting rooms, commuter mailboxes, games room, service desk, and staff and program board offices.

**DEVILBISS SCIENCE HALL** is a three-story air conditioned building. In addition to its 24 classrooms and 24 offices are a language laboratory, laboratories for geography and biological sciences, chemistry, and physics and physical science. Special features in this building are a theatre-lecture hall, seating 224, and a greenhouse.

**THE HEALTH CENTER,** located at the South end of Holloway Hall, offers comprehensive out-patient care from 8 a.m. through 12 midnight to all students.

**THE MUSICAL ARTS CENTER,** situated at the Route 13 entrance, is an acoustically treated building, containing a 17-piano electronic piano laboratory, two classrooms, and faculty offices.

**BENN MAGGS PHYSICAL ACTIVITIES CENTER** was completed early in 1977 and includes a large arena, swimming pool, wrestling room, dance studio, classrooms, offices, large multi-purpose gymnasium, three hand ball courts, varsity and intramural locker rooms, training room, equipment room and reception area.

**RUTH POWELL DINING HALL,** near the center of the campus, completed during 1977, will seat nearly 1000 students at one time and offers the latest collegiate kitchen equipment.

**THE PRESIDENT'S HOME** is located on a wooded knoll on the southern edge of the campus.

**RESIDENCE HALLS:** Wicomico Hall houses 106 students, Manokin Hall 94 students, Pocomoke Hall 104 students, and Nanticoke Hall 150 students.

Choptank and Chester are identical six-story air-conditioned dormitories for 221 students, each of which features on the first floor eight double bedrooms with two student baths, a manager's apartment, visitors' lounge, elevator and public toilets. Each of the five upper floors contains 20 double bedrooms, four student bathrooms, proctor's bedrooms and bath, snack room, student lounge and elevator.

Chesapeake Hall, the newest dormitory on campus, is a cluster type air-conditioned dorm for 184 students. Four double rooms are clustered around a living room, a kitchenette, and 2½ baths. Each cluster has its own entrance from the outside as there are no inside corridors.

**TAWES GYMNASIUM** is used extensively for intramural activities and offers a fine recreational facility for students to use.

**OUTDOOR ATHLETIC FACILITIES** include varsity fields for soccer, baseball, and field hockey, practice fields, all-weather quarter-mile track and 12 hard-surface tennis courts featuring plexi-pave surfaces and six lighted courts for night play.

**FUTURE DEVELOPMENTS**

Just being completed is an athletic fields complex on the east side of Route 13. Included are a 400-meter all-weather track, softball fields, varsity football, soccer and lacrosse field and a practice field.

Under construction is a new parking area and a new maintenance building.

# Division of Graduate Study

Salisbury State College is approved for graduate instruction by the Middle States Association of Colleges and Secondary Schools and the Maryland State Board of Education. The college offers graduate programs leading to the master of education degree, the master of arts degree in English, in history, and in psychology. Graduate study is also available for teachers seeking to meet requirements for basic or advanced certification and for post-baccalaureate students seeking graduate credit in both academic and professional areas.

During the fall and spring semesters, the great majority of graduate students enroll for courses conducted in the evening program of the college. Designed for part-time students, this program consists mainly of courses meeting once weekly throughout the semester in evening sessions of approximately three hours each. A limited number of courses open both to graduate students and advanced undergraduates are also available in the regular daytime program. In addition, graduate study is available in the college summer program.

**OBJECTIVES**

The primary objective of the graduate division at Salisbury State College is to provide college graduates with opportunities for professional advancement and personal enrichment through graduate study. The graduate curriculum is designed to assist such students in attaining greater mastery of their fields of specialization, to improve skills in pursuing independent study, and to increase professional knowledge and ability through the study of new findings in areas of special interest.

The college also recognizes an obligation to college graduates residing in the general community of the Eastern Shore and strives to offer constructive coursework at the graduate level designed to meet their specific needs throughout the year.



# REGULATIONS AND PROCEDURES

**ADMISSION TO GRADUATE STUDY**

To be eligible for admission to graduate study, the applicant must have completed requirements for the bachelor's degree at an accredited institution of higher learning. Admission to the college is granted without regard to race, color, religion, national origin or sex.

Students seeking admission to graduate study may obtain application forms from the Graduate Office. The application should be completed and returned to that office as early as possible in the term immediately preceding actual enrollment. In each case, the applicant must request the registrar of his undergraduate institution to forward an official copy of his undergraduate transcript, showing completion of baccalaureate degree requirements, directly to the Graduate Office. Admission for graduate study is unofficial until the official transcript and completed application are on file, and therefore graduate credit will not be recorded until these documents are received.

Students making a late decision to begin graduate study may register for graduate courses at the beginning of a semester or summer session, but will not be officially admitted until the application for admission and official transcript are on file. Such students should visit the Graduate Office prior to registration in order to make sure that courses for which they register will fall within the requirements of the master's degree program they may subsequently wish to enter.

Upon receipt of the completed application for graduate admission and the official undergraduate transcript at the Graduate Office, the applicant will be notified by letter of formal admission for graduate study and may register thereafter for graduate credit so long as he remains in good standing. Admission for graduate study does not constitute admission to a master's degree program.

**FINANCIAL ASSISTANCE**

A limited amount of financial aid in the form of graduate assistantships and grants from the Maryland Other Race Grants Program is available each year to selected graduate students. Information concerning such assistance may be obtained from the Graduate Office.

**ADMISSION TO MASTER'S DEGREE PROGRAMS**

Students are notified by letter of their formal admission to graduate study.

Those students indicating on their application forms an intended plan of study leading to a master's degree are assigned a graduate advisor who will assist them in selecting the program of study most appropriate for their needs.

Students admitted to the college for graduate study, but who have not been admitted to a master's degree program, may enter a degree program by scheduling an appointment at the Graduate Office. Graduate credits earned prior to acceptance for master's degree study may be applicable toward requirements for the degree provided the previously earned credits are appropriate for the degree program desired.

**TRANSFER CREDIT**

On the recommendation of the faculty advisor and with approval of the director of graduate studies, a student may transfer up to twelve semester hours of graduate credit from other accredited institutions, subject to the following conditions: credit proposed for transfer must be (1) directly related to the student's program of study as approved by the department concerned and the director of graduate studies; (2) acceptable for graduate degree credit by the home institution, and (3) supported by an official transcript showing graduate credit earned with grade of B or higher.

Students planning to earn graduate credit at other institutions for possible transfer toward master's degree requirements at Salisbury State should in all cases write the director of graduate studies prior to registering for such work, giving full particulars on the courses to be taken, so that a decision may be made in advance regarding the acceptability of such credit for transfer. In each case, the student should make certain that he has obtained classification as "graduate student" at the institution from which the transfer of credit is expected.

For students enrolled in the master of education degree program, a maximum of six hours in education and a maximum of six hours outside of education may be considered for transfer. For students in the M.A. program in history, not more than nine of the twelve hours eligible for consideration may be in history. For students in the M.A. programs in psychology and in English, a maximum of twelve semester hours may be transferred.

Credits earned by correspondence are not eligible for transfer.

**GRADUATE CREDIT DURING SENIOR YEAR**

Salisbury State College undergraduates who are within six semester hours of completing requirements for the baccalaureate degree may register for up to six hours of graduate credit at the 400 level, to be taken concurrently with the remaining courses in the baccalaureate program, with approval of the director of graduate studies. Graduate credit will be awarded only upon completion of baccalaureate degree requirements by the end of the semester in which the final course requirements were begun.

**FOREIGN STUDENTS**

Foreign applicants should submit all documents required for admission at least two months prior to the date of anticipated enrollment. Official copies of transcripts showing completion of baccalaureate degree requirements must be sent directly to the Office of Graduate Studies by the



institution at which such work was completed, and documents not written in English must be accompanied by English translations. In addition, applicants whose native language is other than English must submit satisfactory scores on the Test of English as a Foreign Language (TOEFL). Information on the TOEFL may be obtained from TOEFL, Educational Testing Service, Princeton, New Jersey 08540.

**TIME LIMITATION**

All work credited toward the master's degree must be completed within seven calendar years from the end of the semester or summer term in which such work began. For example, a student who began the master's degree program in June 1979, must have completed all requirements for the degree by the end of Summer 1986.

**APPLICATION FOR DIPLOMA**

It is the responsibility of the individual graduate student to check with his advisor to make sure that all degree requirements have been fulfilled, and to make the necessary arrangements at the Registrar's Office for graduation.

Each degree candidate must make application for his diploma by the appropriate deadline and pay the required Diploma Fee. The Application for Diploma form is available at the Office of the Registrar and must be completed and returned to that office, together with payment of the Diploma Fee, not later than the beginning of the final semester before graduation. Any student who finds it necessary to postpone graduation must submit a new Application for Diploma to the Office of the Registrar.

**TUITION AND FEES**

Tuition for graduate students classified as Maryland residents is $40.00 per semester hour for graduate credit and $27.00 per semester hour for undergraduate credit. Tuition for graduate students classified as out-of-state residents will be $47.00 per semester hour for graduate credit, and $30.00 per semester hour for undergraduate credit. In addition, an Out-of-State Fee of $15.00, payable at each registration, is assessed all graduate and post-baccalaureate students residing out of state.

Also payable at each registration is a Registration Fee of $10.00, a College Center Fee of $10.00, and a Student Activities Fee of $5.00. In addition, students seeking the master's degree are assessed a fee of $10.00 when applying for admission to candidacy for the master's degree.

Tuition and fees are subject to change without notice by action of the Board of Trustees of the State Universities and Colleges.

**FACULTY ADVISORY SYSTEM**

On admission to master's degree program, the student is assigned a faculty advisor in the appropriate field of study. The major responsibility for advising graduate students rests upon the faculty advisor. Although

the individual student is personally responsible for meeting all requirements and deadlines, the faculty advisor and/or respective department chairman are responsible for certifying to the director of graduate studies that various program requirements for the master's degree have been fulfilled. It is therefore strongly recommended that students in the master's degree program consult their advisors periodically to make sure that the course requirements of their program, and other requirements as well, are clearly understood and are being met on schedule as planned.

**STUDENT RESPONSIBILITY**

The responsibility for obtaining the Graduate Catalog, information regarding registration and scheduling of classes, for becoming familiar with and fulfilling graduate degree requirements, meeting stated deadlines and filing the necessary forms at the proper offices, rests solely with the graduate student.

**APPEALS CONCERNING REGULATIONS**

The faculty advisor and respective department chairman have jurisdiction over the program of each degree candidate within regulations established by the Graduate Council. When requested by the student, faculty advisor, and/or department chairman, the Graduate Council shall serve as the Board of Appeals on matters concerning the interpretation of regulations governing the degree program.

**TRANSCRIPTS AND CERTIFICATION OF COMPLETION OF DEGREE REQUIREMENTS**

Transcripts of graduate records and certification of the completion of degree requirements may be obtained by contacting the Office of the Registrar. Certification of completion of degree requirements will be made only after all requirements are in fact completed and after submission of the completed Application for Diploma and Diploma Fee.

**OFFICIAL WITHDRAWAL AND REFUND PROCEDURES**

A graduate student who finds it necessary, after registration, to drop a part of his course load, or to withdraw from the college completely for that term, should in all cases complete the official drop or withdrawal form and submit it to the Office of Continuing Education. This assures the student that any refund due will be processed automatically and that his change of registration will become a matter of record.

Students failing to comply with regulations governing official withdrawal and/or dropping of courses forfeit all rights to refunds which might otherwise be made.

Detailed procedures for official withdrawal from the college and for official dropping of courses, including deadlines for submitting of forms necessary for the disbursement of refunds, appear regularly in the Evening Program and Summer Sessions Bulletins. Students are urged to note this information with care.



**COURSE LOAD**

The unit of credit is based on the semester system. The normal course load for a graduate student attending full-time is nine to twelve credit hours per semester. Requests for course loads in excess of twelve hours per semester must be approved by the director of graduate studies.

In summer, six hours credit is considered a full course load for each of the five-week summer sessions. Additional credit may be taken only with approval of the director of graduate studies.

**CLASS ATTENDANCE**

Students are expected to attend all class meetings of courses for which they are registered unless informed otherwise by the instructor concerned. Frequent unexcused absences together with unsatisfactory work, due to absence, may result in exclusion from the course or suspension from the graduate division.

**GRADING SYSTEM**

The following grades are used to evaluate the student's work in his individual courses:

A (Excellent)
B (Good)
C (Satisfactory)
D (Poor, with no graduate credit for degree allowed)
I (Incomplete)
N (No credit)

Courses taken for graduate credit may not be taken on a pass/no credit arrangement.

**COURSE NUMBERING SYSTEM: GRADUATE CREDIT**

Courses at the 500 level offer graduate credit exclusively and are not available to undergraduates. Courses at the 400 level appearing in the list which follows may be taken either for graduate credit or for advanced undergraduate credit. Graduate students enrolled in such courses are expected to do graduate level work and to meet requirements more rigorous than those established for undergraduates. It is the responsibility of the individual instructor to define precisely the quality and quantity of work that he expects from members of his classes, both graduates and undergraduates.

It follows that the instructor may reasonably anticipate work of the highest level of competency from those enrolled in 500 level courses.

**PROFESSIONAL CERTIFICATION**

Requirements for the various teaching and administrative state certificates change from time to time and are determined by agencies other than the college. Therefore, the college cannot guarantee that a particular graduate program will automatically fulfill requirements for any of the various certificates available. Students seeking such certification are advised to consult a certification specialist within their State Department

of Education for information on the particular certification requirements they may wish to meet.

# GRADUATE DEGREE PROGRAMS

## THE MASTER OF EDUCATION DEGREE

Students seeking the master of education degree at Salisbury State College shall complete one of the following two options: (1) an approved program of study including at least thirty-three semester hours of graduate credit with a cumulative average of B or higher, with no grade lower than C, and with no more than two C's in each of the following areas: (a) required courses in education, (b) electives for those in Program A

**545. DEVELOPMENT, LEARNING, AND INSTRUCTION IN THE SCHOOLS** — **3 hours credit**

The identification of classroom problems and issues related to and involving instruction, the development and application of strategies to aid in resolving issues and solving problems, and the coordination of student characteristics and environmental factors to improve the quality of learning experiences in the schools. **Three hours per week.**

**590. SEMINAR IN EDUCATION** — **3 hours credit**

A course in which topics will vary from semester to semester. **Prerequisite:** Consent of instructor.

**598. COUNSELING WITH MINORITY GROUPS** — **3 hours credit**

A seminar-workshop course designed to focus attention on philosophy and method of dealing with current social problems of race, religion and disadvantaged in the public schools. **Prerequisites:** College degree and teaching experience.

## ENGLISH

**402. HIGH SCHOOL AND COLLEGE JOURNALISM** — **3 hours credit**

Journalism for advisors to newspapers and yearbooks. Principles of news writing, editing, advertising, copy writing, and layout. **Prerequisite:** English 216 or consent of instructor. **Three hours per week.**

**403. PUBLIC RELATIONS** — **3 hours credit**

Principles and techniques of professional public relations practice. Publicity writing, speeches, graphics, audio-visual media, public relations research, and program planning. **Prerequisite:** English 216 or consent of instructor. **Three hours per week.**

**411. CHAUCER (Author)** — **3 hours credit**

Chaucer's major works with emphasis on *The Canterbury Tales.* Not open to students who have taken English 432. **Prerequisite:** English 102. **Three hours per week.**

**414. ELIZABETHAN AND JACOBEAN LITERATURE (Period)** — **3 hours credit**

Major British literature from 1500 to 1660, exclusive of Shakespeare. Not open to students who have taken English 434. **Prerequisite:** English 102. **Three hours per week.**

**419. SHAKESPEARE (Author)** — **3 hours credit**

The major comedies and histories; emphasis on the tragedies. Not open to students who have taken English 405. **Prerequisite:** English 102. **Three hours per week.**



**420. RESTORATION — 18TH CENTURY BRITISH LITERATURE (Period)** — **3 hours credit**

British literature from 1660 through the Neo-Classic Age. Not open to students who have taken English 436. **Prerequisite:** English 102. **Three hours per week.**

**421. ROMANTIC LITERATURE (Period)** — **3 hours credit**

British literature of the Pre-Romantic and Romantic periods. Not open to students who have taken English 438. **Prerequisite:** English 102. **Three hours per week.**

**425. VICTORIAN LITERATURE (Period)** — **3 hours credit**

Major British literature during the reign of Queen Victoria. Not open to students who have taken English 440. **Prerequisite:** English 102. **Three hours per week.**

**426. COLONIAL AMERICAN LITERATURE (Period)** — **3 hours credit**

American literature from the beginnings to 1820. **Prerequisite:** English 102. **Three hours per week.**

**427. THE AMERICAN RENAISSANCE (Period)** — **3 hours credit**

The Transcendental Movement and its literature, 1830-1870. Emphasis on works of Emerson, Thoreau, Hawthorne, Melville, Whitman, and Dickenson. **Prerequisite:** English 102. **Three hours per week.**

**429. THE USES OF LANGUAGE** — **3 hours credit**

The referential, persuasive, literary, and expressive uses of language. Emphasis on the purpose, nature, structure, and style of the four areas. **Prerequisite:** English 102. **Three hours per week.**

**430. CLASSICAL AND MODERN RHETORIC** — **3 hours credit**

The principles and history of rhetoric from its beginning to the present. Attempts to develop a new rhetoric. **Prerequisite:** English 102. **Three hours per week.**

**431. A SURVEY OF MODERN GRAMMARS** — **3 hours credit**

An historical approach to the descriptions of language: the traditional, the structural, the transformational, and the tagmemic. Not open to students who have taken English 422. **Prerequisite:** English 102. **Three hours per week.**

**433. LANGUAGE AND CULTURE** — **3 hours credit**

A linguistic approach to the history of the language; the evolution of English from perspectives of dialectology, lexicography and semantics; phonological, morphological, and syntactic changes. Not open to students who have taken English 423. **Three hours per week.**

**435. VARIETIES IN LANGUAGE** **3 hours credit**

Speech variation of people according to geographical areas, socio-economic education levels, levels of formality, age, sex, and occupation. Emphasis on Eastern Shore patterns of speech. Field methods. Not open to students who have taken English 424. **Prerequisite:** English 225 or consent of instructor. **Three hours per week.**

**437. HISTORY OF THE ENGLISH LANGUAGE** **3 hours credit**

The development of modern English; the internal changes in pronunciation, structure, vocabulary, and usage with reference to the external history. **Prerequisite:** English 225 or consent of instructor. **Three hours per week.**

**439. SECOND LANGUAGE/DIALECT LEARNING** **3 hours credit**

Approaches to second language and dialect learning; teaching English to speakers of other languages; the question of standard English as a second dialect. **Prerequisite:** English 225 or 431, or consent of instructor. **Three hours per week.**

**441. ADVANCED COMPOSITION** **3 hours credit**

The forms of discourse and the theory and practice of writing, primarily for teachers of writing. Not open to students who have taken English 415. **Prerequisite:** English 102. **Three hours per week.**

**444. MEDIEVAL AND RENAISSANCE EUROPEAN LITERATURE (Period)** **3 hours credit**

Selected Medieval and Renaissance literary works in translation; morality plays, romances, epics, works of Dante, Boccaccio, Machiavelli, Montaigne, Cervantes. Not open to students who have taken English 208. **Prerequisite:** English 102. **Three hours per week.**

**445. EUROPEAN ROMANTICISM (Period)** **3 hours credit**

The development of European romanticism (Richardson, Schiller, Rousseau, Goethe, Laclos, Chateaubriand, Sand, Hoffman, Hugo). **Prerequisite:** English 102. **Three hours per week.**

**446. EUROPEAN REALISM (Period)** **3 hours credit**

Development of 19th century realism in the novel (Stendhal, Balzac, Dickens, Eliot, Flaubert, Dostoevsky, Turgenev, Tolstoy, Chekhov). **Prerequisite:** English 102. **Three hours per week.**

**447. EUROPEAN NATURALISM AND MODERNISM (Period)** **3 hours credit**

Growth of naturalism in late 19th century European writers; its modulations in early 20th century writers. **Prerequisite:** English 102. **Three hours per week.**



**448. 20TH CENTURY EUROPEAN NOVEL (Period)** **3 hours credit**

The later 20th century European novel in its experimental forms. **Prerequisite:** English 102. **Three hours per week.**

**450. PHILOSOPHICAL CONCEPTS IN LITERATURE** **3 hours credit**

This course involves an examination of a philosophical theme (e.g., existentialism, tragedy) as reflected in works of literature. The theme to be treated will vary from offering to offering. This course may be taken twice under different course sub-titles recorded with the registrar. **Prerequisites:** English 102 and one previous philosophy course, or consent of instructor. **Three hours per week.**

**451. ENGLISH DRAMA (Genre)** **3 hours credit**

The works of major British dramatists from the Elizabethan through the Neo-Classic period (excluding Shakespeare). Not open to students who have taken English 401. **Prerequisite:** English 102. **Three hours per week.**

**452. MODERN DRAMA (Genre)** **3 hours credit**

Continental, British, and American drama, including the Irish Renaissance, from Ibsen to Pinter. Not open to students who have taken English 402. **Prerequisite:** English 102. **Three hours per week.**

**453. MODERN POETRY (Genre)** **3 hours credit**

British and American poetry from Yeats through World War II and trends of the genre. Not open to students who have taken English 408. **Prerequisite:** English 102. **Three hours per week.**

**454. CONTEMPORARY POETRY (Genre)** **3 hours credit**

British and American poetry from World War II to the present. **Prerequisite:** English 102. **Three hours per week.**

**457. AMERICAN NOVEL I (Genre)** **3 hours credit**

Major American novels from the beginning through World War I. Not open to students who have taken English 406. **Prerequisite:** English 102. **Three hours per week.**

**458. AMERICAN NOVEL II (Genre)** **3 hours credit**

Major American novels between World War I and World War II. **Prerequisite:** English 102. **Three hours per week.**

**459. CONTEMPORARY AMERICAN LITERATURE (Period)** **3 hours credit**

American literature from 1945 to the present. **Prerequisite:** English 102. **Three hours per week.**

**460. BRITISH NOVEL I (Genre)** **3 hours credit**

The British novel from its beginnings through the 18th century. Not open to students who have taken English 417. **Prerequisite:** English 102. **Three hours per week.**

**462. BRITISH NOVEL II (Genre)** **3 hours credit**

The British novel of the 19th and early 20th centuries. Not open to students who have taken English 418. **Prerequisite:** English 102. **Three hours per week.**

**464. MODERN BRITISH NOVEL (Genre)** **3 hours credit**

The British novel from Joyce to the present. **Prerequisite:** English 102. **Three hours per week.**

**470. LITERARY CRITICISM** **3 hours credit**

The history of literary criticism and its application to literature. Not open to students who have taken English 409. **Prerequisite:** Three literature courses beyond English 102. **Three hours per week.**

**490. TOPICS IN ENGLISH** **3 hours credit**

Intensive study in a literary genre, figure, or period or in language, writing, film, or journalism. May be repeated for credit in different areas of study. **Prerequisite:** English 102 or consent of instructor.

**500. SEMINAR: MAJOR AMERICAN WRITERS OF THE NINETEENTH CENTURY** **3 hours credit**

A thorough study of the works of two writers from among Emerson, Thoreau, Hawthorne, Melville, Whitman, Twain, James, and Crane. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**501. SEMINAR: MAJOR AMERICAN WRITERS OF THE TWENTIETH CENTURY** **3 hours credit**

A thorough study of the works of two writers from among Frost, Eliot, Fitzgerald, O'Neill, Faulkner, Hemingway, Steinbeck, Williams. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**502. SEMINAR IN ENGLISH LITERATURE I** **3 hours credit**

A study of selected topics in English literature from the beginnings to 1660. From time to time the course will concern itself with major authors, genres, and literary themes. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**503. SEMINAR IN ENGLISH LITERATURE II** **3 hours credit**

A study of selected topics in English literature from the Restoration and Romantic periods. From time to time the course will concern itself with major authors, genres, and literary themes. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**



**504. SEMINAR IN ENGLISH LITERATURE III** **3 hours credit**

A study in selected topics in English literature of the Victorian and modern periods. From time to time the course will concern itself with major authors, genres, and literary topics. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**508. CONTEMPORARY LITERATURE** **3 hours credit**

A study of selected contemporary work exemplary of the character of contemporary writing. Reading is done in the novel, drama, the short story, and poetry. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**509. SEMINAR IN LANGUAGE STUDY** **3 hours credit**

A study of selected topics in language and linguistics. The course focuses in different semesters on such topics as the new English, descriptive or historical linguistics, morphology-syntax, or phonetics and phonemics, teaching standard English to speakers of other languages, or standard English to speakers of other dialects. This course may be repeated under different course subtitles recorded with the registrar. **Prerequisite:** English 225 or 422 or consent of instructor. **Three hours per week.**

**530. DIRECTED RESEARCH** **3 hours credit**

Preparation of optional research project in master's degree program under department supervision.

**531. THESIS** **3 hours credit**

## FRENCH

**401. ADVANCED COMPOSITION AND MORPHOLOGY** **3 hours credit**

A course designed to bring together on an intense advanced level all the principles of morphology, syntax, sentence development, and sentence structure through translation and advanced composition. **Prerequisite:** French 211. **Three hours per week.**

**402. ADVANCED CONVERSATION** **3 hours credit**

A course designed to provide greater flexibility in the spoken language by intense oral practice to correct the defects of pronunciation and diction. **Prerequisite:** French 220 or consent of department chairman. **Three hours per week.**

**405. SPECIAL PROBLEMS IN FRENCH** **1-3 hours credit**

Individual study of special areas in French linguistics or in French literature with the advice and direction from a member of the department. **Three hours per week.**

**411. MEDIEVAL AND RENAISSANCE THOUGHT IN FRENCH LITERATURE** **3 hours credit**

A study of the major phenomena of French literary history from its dawning in 843 to the negative implication in the term "Dark Ages", through to the optimism of the early renaissance in Rabelais to its decline in Montaigne. **Three hours per week.**

**412. THE CLASSICAL PERIOD & THE "AGE OF REASON"** **3 hours credit**

A study of the principal classical themes found in the works of Corneille, Racine, Moliere, La Fontaine, La Bruyére, La Rochefoucauld, and Montesquieu, Voltaire, Diderot, and Rousseau. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

**415. ROMANTICISM, REALISM, AND NATURALISM** **3 hours credit**

A study of the development of romanticism from Chateaubriand to Victor Hugo as well as a detailed study of the terms "romanticism", "realism", and "naturalism" and their effect on the 19th century as seen through representative works of Stendhal, Flaubert, Balzac, and Zola. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

**416. CONTEMPORARY FRENCH LITERATURE** **3 hours credit**

A study of contemporary ideologies and underlying currents of symbolism, surrealism, existentialism, and the "nouveau roman" through representative works of Camus, Sartre, Appolinaire, Cocteau (prose and drama) and of Proust, Gide, Butor, and Robbe-Grillet. **Prerequisite:** French 320 or 321 or consent of department chairman. **Three hours per week.**

## GEOGRAPHY AND REGIONAL PLANNING

**400. REGIONAL GEOGRAPHY OF EASTERN EUROPE AND THE SOVIET UNION** **3 hours credit**

A general treatment of the physical and cultural patterns of eastern Europe and the Soviet Union showing interrelationships and emphasizing those regions in rapid transition. Some attention is directed to the geographical foundations of Soviet international relations. **Three hours per week.**



**403. REGIONAL AND HISTORICAL GEOGRAPHY OF THE MEDITERRANEAN LANDS** **3 hours credit**

An analysis of the geographic unity and complexity of the lands bordering the Mediterranean Sea. Contemporary problems are considered in their geographic setting. **Three hours per week.**

**405. URBAN GEOGRAPHY** **3 hours credit**

An analysis of the spatial distribution of urban settlements, their internal structure and characteristics. Emphasis is placed on techniques of analysis, and on the development of theoretical concepts and general principles. Special attention is given to contemporary urban problems and urban planning. **Prerequisite:** Geography 203 or consent of instructor. **Three hours per week.**

**406. REGIONAL PLANNING** **3 hours credit**

An analysis of the spatial incidence of economic growth. Emphasis is placed on the spatial dimension as an important consideration in the theory and practice of economic development planning. **Prerequisite:** Geography 203 or consent of instructor. **Three hours per week.**

**407. INDUSTRIAL LOCATION** **3 hours credit**

An analysis of the major factors influencing industrial location decisions and the spatial arrangement of industrial activity. Emphasis is placed on the development of theoretical concepts and general principles. Some attention is given to regional and city industrial development planning. **Prerequisite:** Geography 203 or consent of instructor. **Three hours per week.**

**408. URBAN PLANNING** **3 hours credit**

An examination of theories and strategy approaches to urban development and land use planning along with techniques for evaluation. An assessment of the urban planning process with case studies. **Prerequisites:** Geography 203 or consent of the instructor. **Three hours per week.**

**411. GEOMORPHOLOGY** **3 hours credit**

This course deals with land form analysis. Treatment is given to the agents of erosion and deposition — water, wind, and ice, and to the internal forces which leave visible evidence on the earth's surface. **Prerequisite:** Geography 200 or consent of instructor. **Four hours per week. Four one-day and one three-day field trips.**

**413. CLIMATOLOGY** **3 hours credit**

An analysis of climatic elements and their control. Consideration is given to climatic classifications and the distribution of climatic types. **Prerequisite:** Geography 201 or consent of instructor. **Four hours per week.**

**415. SELECTED PROBLEMS** **3 hours credit**

Independent study designed to permit research or in-depth work on a selected topic. Specific topic will be indicated on the transcript. May be taken twice for credit. **Prerequisite:** Twelve hours in geography and consent of instructor.

**422. READINGS IN GEOGRAPHY** **3 hours credit**

Readings designed to permit in-depth study of a selected topic. Specific topic will be indicated on transcript. May be taken twice for credit. **Prerequisite:** Twelve hours in geography and consent of instructor.

**450. TOPICS IN GEOGRAPHY** **3 hours credit**

An analysis of selected systematic and/or regional topics. A single theme will be considered and will be entered on the student's transcript. May be taken three times for credit. **Prerequisite:** Consent of instructor. **Three hours per week.**

**475. FIELD PROBLEMS IN GEOGRAPHY** **6 hours credit**

In-field geographic research experience. Emphasis is on actual field experience that involves the development of a research proposal, data collection and analysis, and the integration of such in a formal research paper. **Prerequisite:** Consent of instructor.

**500. GEOGRAPHICAL INFLUENCES IN AMERICAN HISTORY** **3 hours credit**

A study of the geographical influences affecting the historical growth and development of North America from colonial times to the present. **Prerequisite:** Geography 206 or consent of instructor. **Three hours per week.**

**502. SEMINAR: ANGLO-AMERICA** **3 hours credit**

An analysis of selected problems concerning the physical and human geography of Anglo-America. Topics selected with the consent of instructor. **Prerequisite:** Geography 206 or consent of instructor. **Three hours per week.**

**503. SEMINAR: REGIONAL AND HISTORICAL GEOGRAPHY OF EUROPE** **3 hours credit**

An analysis of selected problems concerning the physical, political and historical geography of Europe. Topics selected with consent of instructor. **Prerequisite:** Geography 304 or consent of instructor. **Three hours per week.**

**504. SEMINAR: PHYSICAL GEOGRAPHY** **3 hours credit**

A seminar dealing with current problems in areas of meteorology, climatology, soils, geomorphology and vegetation. Topics selected with consent of instructor. **Prerequisite:** Consent of instructor. **Three hours per week.**



**530. DIRECTED RESEARCH** **3 hours credit**

Preparation of optional research project in master's degree program under departmental direction.

## HEALTH

**401. COMMUNITY HEALTH** **3 hours credit**

A study of the factors involved in improving public health, including a survey of community health problems and resources, and the role of the teacher in community health. **Three hours per week.**

## HISTORY

**400. HISTORY OF MARYLAND** **3 hours credit**

A study of Maryland history and government from the colonial period to the present. The course places special stress on the leaders, institutions, and contributions made in Maryland and by Maryland to the nation. **Three hours per week.**

**401. AMERICAN DIPLOMACY** **3 hours credit**

An historical study of the foreign relations of the United States and the resultant diplomatic negotiations from 1776 to the present. **Three hours per week.**

**405. THE UNITED STATES IN THE TWENTIETH CENTURY I** **3 hours credit**

Populism to 1932. A study of the political, economic, intellectual and social problems attending America's rise to world power later in the 19th century, her involvement in World War I, the changes attending that conflict and the problems of the 1920's. **Three hours per week.**

**406. THE UNITED STATES IN THE TWENTIETH CENTURY II** **3 hours credit**

F.D. Roosevelt to the present. A study of the efforts of the United States to resolve the complex problems of the 1930's intensified by the Great Depression, its involvement in World War II, and struggles to maintain peace in the post-war world. **Three hours per week.**

**407. THE WESTWARD MOVEMENT** **3 hours credit**

A study of the Westward Movement from the Atlantic to the Trans-Allegheny and Trans-Mississippi West, with emphasis upon the influence of the frontiers in shaping American civilization. **Three hours per week.**

**409. RECENT TRENDS AND DEVELOPMENT IN LATIN AMERICA** **3 hours credit**

An examination of the important political, economic and military changes in Latin America, particularly those of the twentieth century. **Three hours per week.**

**411. PROBLEMS IN LATIN AMERICAN HISTORY** **3 hours credit**

Readings, reports, and discussion of historical problems of Latin American development. **Three hours per week.**

**412. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I (1600-1875)** **3 hours credit**

(See course description in History 413.)

**413. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES II (1876 to present)** **3 hours credit**

These courses are a study of American thought as reflected by the people and leaders. The development of American heritage is covered from the Colonial Period to the present, with emphasis upon the intellectual, social, religious, and economic movements. The first course covers from the Colonial Period to Reconstruction and the second course from about 1876 to present. **Three hours per week.**

**417. HISTORY OF SCIENCE AND TECHNOLOGY** **3 hours credit**

A survey of the evolution of scientific achievements and technology in the western world, with particular emphasis on the cultural, economic and social implications of these developments. **Prerequisites:** History 101, 102. **Three hours per week.**

**421. EUROPEAN IN THE TWENTIETH CENTURY WORLD** **3 hours credit**

A study of the economic, social, intellectual, and political development of Europe, viewed in the context of world wars, depression, and conflicting political ideologies, showing the decline of European dominance and the rise of America and Asia. **Prerequisites:** History 101, 102. **Three hours per week.**

**423. RUSSIA: RISE TO IMPERIAL POWER** **3 hours credit**

A study of Russia from its beginnings to the reign of Nicholas II, with emphasis upon its eastward expansion. **Prerequisites:** History 101, 102. **Three hours per week.**

**424. TWENTIETH CENTURY RUSSIA: REPRESSION, REVOLUTION AND CONSOLIDATION** **3 hours credit**

A study of Russia from the reign of Nicholas II with emphasis upon its changing role in world affairs. **Prerequisites:** History 101, 102. **Three hours per week.**



**426. HISTORY OF SOUTHERN ASIA** **3 hours credit**

A study of the Indian sub-continent and adjacent regions, their social development, the evolution of Hinduism and Buddhism, the Islamic, Mongol, and British conquests, the rise of nationalism, and the status of the region today. **Prerequisites:** History 101, 102. **Three hours per week.**

**430. READINGS IN HISTORY** **3 hours credit**

A readings course in history for students who have achieved above average in at least eighteen hours of history courses. This course may be taken twice, under different course titles recorded with the registrar. **Three hours per week.**

**435. SENIOR THESIS** **3 hours credit**

Individual research and preparation of a thesis by history majors. Topics to be approved by department chairman. **Three hours per week.**

**437. HISTORY OF EUROPEAN IDEAS** **3 hours credit**

A survey of the western intellectual tradition, beginning with its heritage from the ancient world, and emphasizing the main currents of European thought from the Middle Ages to the present. Particular emphasis will be placed on the rise of a spirit of free inquiry, the development of a scientific attitude, and the growth of a distinct intellectual class. **Prerequisites:** History 101, 102. **Three hours per week.**

**440. MINORITY GROUPS IN UNITED STATES HISTORY** **3 hours credit**

Attention is given to the role and contribution of minority groups in general, with special emphasis on some of the larger and older minority groups. **Three hours per week.**

**445. BLACK AMERICAN HISTORY** **3 hours credit**

A study of the life and role of the Black American from the Colonial period to the present. **Three hours per week.**

**450. SELECTED PROBLEMS IN EUROPEAN THOUGHT AND CULTURE, 1700-1840** **3 hours credit**

Readings and discussion in this course will focus on intellectual currents in England, France and Germany in the 18th and early 19th centuries. Works of contemporary writers will be examined in the context of social and political developments. **Prerequisites:** History 101, 102. **Three hours per week.**

**460. HISTORY OF CHINA SINCE 1800** **3 hours credit**

The revolutionary transformation of China from the nineteenth century to the present, with emphasis on the impact of imperialism, the profound effects of western technology and foreign policy wrought by the history of her relations with the west. **Prerequisites:** History 101, 102. **Three hours per week.**

**470. HISTORY OF THE EARLY ROMAN EMPIRE** — **3 hours credit**

An intense study of particular institutions and movements in Roman history. Emphasis on family history and social and religious trends during the early imperial period of Roman history. **Prerequisites:** History 101 and 102. **Three hours per week.**

**490. STUDIES IN HISTORY** — **3 hours credit**

An intensive historical study of particular periods; groups; economics, intellectual, cultural, social movements, and/or institutions. This course may be taken twice, under different course titles recorded with the registrar.

**502. SEMINAR: COLONIAL AND REVOLUTIONARY AMERICA** — **3 hours credit**

A study of colonial institutions and the American Revolutionary movement. Emphasis is placed upon the study of specific topics through individual research projects. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

**503. SEMINAR IN NINETEENTH CENTURY AMERICA** — **3 hours credit**

This seminar offers an opportunity to the student to explore in-depth 19th century American society, via themes selected by the instructor. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

**504. SEMINAR IN EUROPEAN HISTORY** — **3 hours credit**

A seminar designed to enable the student to explore, through intensive research, basic problems in European history. The period or topics to be studied will be selected by the instructor. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

**505. SEMINAR: MARYLAND HISTORY** — **3 hours credit**

A seminar designed to acquaint students, through readings and research, with some of the major problems and developments in the history of Maryland. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

**506. SEMINAR IN TWENTIETH CENTURY AMERICA** — **3 hours credit**

A seminar enabling the student to explore intensively specific periods and/or problems in this century through individual research. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**



**508. SEMINAR IN AMERICAN DIPLOMACY** — **3 hours credit**

A seminar permitting students to investigate, through reading and research, selected problems in the history of American diplomacy. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

**510. SEMINAR IN LATIN AMERICAN HISTORY** — **3 hours credit**

An intensive study of major institutions and specific periods in Latin America through reading and research. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

**530. DIRECTED RESEARCH** — **3 hours credit**

Preparation of optional research project in master's degree program under direction of departmental supervision. **Three hours per week.**

**531. THESIS** — **3 hours credit**

## LEISURE STUDIES

**460. LEISURE: THEORY AND POLICY** — **3 hours credit**

An in-depth analysis of the theoretical constructs which constitute the field of leisure. Emphasis will be placed on the inter and multi-disciplinary nature of the issues as well as the policy implications of the varied disciplines. **Three hours per week.**

## MATHEMATICAL SCIENCES

**402. THEORY OF NUMBERS** — **3 hours credit**

Basic concepts: integers, prime numbers, divisibility, congruences and residues. **Prerequisite:** Math 201. **Three hours per week.**

**406. GEOMETRIC STRUCTURES** — **3 hours credit**

An axiomatic development of incidence, ordered incidence, affine and absolute geometries; investigation of Euclidean and non-Euclidean geometries. **Prerequisites:** Math 201. **Three hours per week.**

**413. MATHEMATICAL STATISTICS I** — **3 hours credit**

Axioms and algebra of probability, discrete and continuous random variables and their probability distribution, multivariate distributions, limit theorems. **Prerequisite:** Math 310. **Three hours per week.**

**414. MATHEMATICAL STATISTICS II** **3 hours credit**

Methods of estimating, properties of estimators, hypothesis testing, linear models, least squares, analysis of variance, enumerative data, nonparametric statistics. **Prerequisite:** Math 413. **Three hours per week.**

**431. POINT SET TOPOLOGY** **3 hours credit**

Topological spaces, homeomorphisms, compactness, metric spaces, connectedness and other topics. **Prerequisite:** Math 306 or 310. **Three hours per week.**

**441. ABSTRACT ALGEBRA** **3 hours credit**

An introduction to the theory of groups, rings, integral domains and fields, including basic properties of polynomials. **Prerequisite:** Math 306 or 310. **Three hours per week.**

**451. ANALYSIS I** **3 hours credit**

Modern abstract analysis including such topics as topology of the real number system, sequences, continuity and differentiability. **Prerequisite:** Math 310. **Three hours per week.**

**452. ANALYSIS II** **3 hours credit**

A continuation of Analysis I including such topics as the Riemann-Stieltjes integral, sequences of functions, and Lebesque Theory. **Prerequisite:** Math 451. **Three hours per week.**

**461. DIFFERENTIAL EQUATIONS** **3 hours credit**

Frobenius series solutions, regular and singular points, existence and uniqueness theorems for the initial-value problem; systems of equations; the boundary-value problem; other topics. **Prerequisite:** CALC IV (MATH 311). **Three hours per week.**

**465. MATHEMATICAL MODELS AND APPLICATIONS** **3 hours credit**

Mathematical basis for model building; examples of simple models for uncomplicated systems in biology, psychology, business and other fields, finite markov processes; models for growth processes. **Prerequisite:** Math 306. **Three hours per week.**

**483. SOFTWARE SYSTEMS II** **3 hours credit**

Analysis of the operating system, the program which supervises the activity of the computer. Resource allocation will be emphasied. **Prerequisite:** Math 383 and 385. **Three hours per week.**

**487. MICROCOMPUTER APPLICATIONS** **3 hours credit**

Microcomputers and their applications to instrumentation, data-logging and process control. Offered at undergraduate level on P/N basis. Traditional letter grade used in assigning graduate credit. **Prerequisite:**



Familiarity with a microcomputer at the machine level (Math 281). **Two hours lecture and two hours lab per week.**

**490. SPECIAL TOPICS** **3 hours credit**

For the student who wishes to study in certain specialized areas such as complex variables, logic, non-euclidean geometry, or other topics suggested by faculty or students. This course may be taken twice, under different course subtitles recorded by the registrar. **Prerequisites:** (For most topics) Math 306 and 310.

**500. FOUNDATIONS OF NUMBER THEORY** **3 hours credit**

Designed for teachers of arithmetic with emphasis on the development of real number system in Elementary Number Theory. **Prerequisite:** One course in college mathematics or consent of instructor. **Three hours per week.**

**501. FOUNDATIONS OF ALGEBRA** **3 hours credit**

Emphasis is placed on algebraic structures as used in the modern approach to teaching of algebra. **Prerequisite:** Math 103 or 500. **Three hours per week.**

**502. FOUNDATIONS OF GEOMETRY** **3 hours credit**

Emphasis is placed upon the modern approach to the teaching of geometry. **Prerequisite:** Math 103 or 500. **Three hours per week.**

**506. SELECTED TOPICS** **3 hours credit**

Designed for students with a major in mathematics to develop topics in mathematics not included in the undergraduate program or to extend areas previously studied. **Prerequisite:** Approval of the department.

**507. SEMINAR: ALGEBRA** **3 hours credit**

A seminar dealing with selected topics from linear and abstract algebra. A seminar paper is required. **Prerequisite:** Approval of the department.

**508. TRANSFORMATION GEOMETRY** **3 hours credit**

A study of the group-theoretic structure of geometry. Application of isometries, similarities and affine transformations to Euclidean geometry. **Prerequisite:** Math 406 or equivalent.

**530. DIRECTED RESEARCH** **3 hours credit**

Preparation of optional research project in master's degree program under direction of departmental supervision.

**590. SPECIAL PROBLEMS IN MATHEMATICS** **3 hours credit**

Individually designed programs including summer workshops and special seminars. Specific topic will be indicated on transcript. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

# MUSIC

**404. MUSIC FOR THE THEATRE** **3 hours credit**

Historical and analytical study of opera, operetta, broadway musical, ballet, music for films; lecture-discussion, critical listening to recordings, individual research and extensive use of visual aids. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

**405. MUSIC OF THE BAROQUE PERIOD** **3 hours credit**

Analysis of the philosphy, musical forms and styles of the period 1600-1750, study of representative polyphonic choral and instrumental music by outstanding composers of the period. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

**406. MUSIC OF THE CLASSICAL PERIOD** **3 hours credit**

Analysis of philosophy, musical forms and styles of the period 1750-1825, with emphasis on the development of instrumental music, study of representative recorded music by outstanding composers. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

**407. MUSIC OF THE ROMANTIC PERIOD** **3 hours credit**

Analysis of philosophy, musical forms and styles of the period 1820-1900, particularly as they were influenced by social and political forces; study of representative vocal and instrumental works. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

**408. MODERN MUSIC** **3 hours credit**

Emergence of new developments from late romantic music through serial and electronic music, including influences of jazz and considering the effects of social forces and current world events. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

**410. CHURCH MUSIC** **3 hours credit**

Designed for the practicing or potential church musician. A practical course dealing with all aspects of the church music program. **Prerequisite:** Approval of the instructor. **Three hours per week.**

**411, 412. APPLIED MUSIC I AND II** **3 hours credit each**

An advanced course in performance technique using a wide variety of literature. A solo recital (alone, or sharing a program with other students) encompassing music of many styles and periods is a required culmination. Students will elect one performing medium (piano or voice or organ or other instrument) and must have completed the fourth course in the sequence for that instrument as a prerequisite. Each course may be repeated for credit once. **Three hours per week and a minimum of 12 individual practice hours per week.**



**416. AMERICAN MUSIC** **3 hours credit**

Analysis of musical forces and styles as they reflect the nation's development and America's unique contributions to the growth of music as an art form. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

**426. ARRANGING FOR VOICES AND INSTRUMENTS** **3 hours credit**

Fundamental techniques of scoring for various a cappella and accompanied voice combinations, scoring for orchestra, band and various instrumental combinations, special characteristics of each choir of instruments, range of voices, selection of suitable literature for treatment in different ensembles, with considerations of style. **Prerequisites:** Theory IV (or concurrent registration with Theory IV.) **Three hours per week.**

**429. MUSIC CONCEPTS FOR EARLY CHILDHOOD** **3 hours credit**

Melodic and rhythmic elements within the cognitive, physical, and aural capabilities of young children (nursery school through primary grades), use of simple creative application to reinforce music concepts. **Prerequisite:** Music 200 or approval of instructor. **Three hours per week.**

**430. MUSIC CONCEPTS FOR ELEMENTARY SCHOOL** **3 hours credit**

Development of musical skills, with emphasis on part-singing, piano accompaniments, combined rhythms, conducting skills, and creative application of these skills appropriate for the elementary school. **Prerequisite:** Music 200 or consent of the instructor. **Three hours per week.**

**431. MUSIC CONCEPTS IN SECONDARY SCHOOL GENERAL MUSIC** **3 hours credit**

Selection and application of appropriate materials and techniques to develop musical concepts, skills, knowledge, judgment and discrimination in adolescents. **Prerequisite:** Music 200 or consent of instructor. **Three hours per week.**

**435. CHORAL LITERATURE** **3 hours credit**

Class investigation and evaluation of choral music for all voice combinations appropriate for elementary through senior high school and adult ensembles. **Three hours per week.**

**440. MODERN MARCHING BAND: TECHNIQUES AND MATERIALS** **3 hours credit**

A detailed work survey of traditional marching band styles and their adaptation to current trends. **Prerequisite:** Approval of the instructor. **Three hours per week.**

**441. INSTRUMENTAL LITERATURE** **3 hours credit**

Class investigation and evaluation of new methods and materials for bands, orchestras, and instrumental ensembles. **Prerequisite:** Approval of the instructor. **Three hours per week.**

**450. STUDIES IN MUSIC** **3 hours credit**

Study of a single composer or musical form or performance medium or technique or topic in music education. The topic will differ from semester to semester. This course may be taken twice, under different course subtitles recorded with the registrar. Possible prerequisite(s) listed according to topic by semester. **Three hours per week.**

**490. DIRECTED INDEPENDENT STUDY** **1-3 hours credit**

A tutorial course in any area of music open to seniors and graduate students. May include continuation of a skills development program begun in the lower level independent study course, or any type of individual research in music not normally included in courses offered by the department, or individual study of an area needed for teacher certification but not offered by the department in the current semester. Approval in writing of department chairman and supervising faculty member prior to registration, with the area of study to be specified in writing. May be repeated for a maximum of 6 credits, under different course subtitles recorded with the registrar.

**500. TWENTIETH CENTURY MUSIC** **3 hours credit**

Analysis of the manner in which melody, rhythm, harmony, form and orchestral instruments are used by major modern composers. Political, economic and social forces and current world events are considered for their effects on music of our time. **Three hours per week.**

**505. MUSIC HISTORY AND MUSICAL STYLE** **3 hours credit**

The development of Western musical style is traced from early written records to the present, stressing the continuity of basic musical principles. **Prerequisite:** One course in music history or a stylistic period. **Three hours per week.**

**510. RECENT ISSUES AND TRENDS IN MUSIC EDUCATION** **3 hours credit**

Student researched seminar presentations on pertinent current issues in general, vocal, and instrumental music education. The seminar presentations will, through researching current trends, arrive at conclusions compatible with current practices in music education. **Prerequisites:** Education 419 and 429 or equivalent. **Three hours per week.**

**511. ADVANCED APPLIED MUSIC** **3 hours credit**

Individual studio instruction to provide a graduate extension to an undergraduate major performing area.



**512. ADMINISTRATION AND SUPERVISION IN SCHOOL MUSIC** **3 hours credit**

A course dealing with the need and purpose of supervision in music. Areas of concentration include factors affecting the learning process, curriculum building, fiscal management, evaluation and staff-community relations. **Three hours per week.**

**515. ADVANCED CHORAL CONDUCTING** **4 hours credit**

A course designed for the practicing choral conductor. Includes techniques, stylistic interpretation, repertoire and organizational problem analysis. **Prerequisite:** Music 310 or equivalent. **Five hours per week (3 hours lecture and 2 hours laboratory).**

**520. PHILOSOPHICAL AND PSYCHOLOGICAL PERSPECTIVES IN MUSIC EDUCATION** **3 hours credit**

A review of philosophical tenets and psychological principles as applied to contemporary music education practices, including the standard and recently developed musical aptitude and achievement tests. **Prerequisite:** Graduate status. **Three hours per week.**

**530. DIRECTED RESEARCH IN MUSIC/ MUSIC EDUCATION** **3 hours credit**

Preparation of optional research project in the M.Ed. program under the direction of departmental faculty. **Weekly conference with faculty sponsor.**

**590. DIRECTED INDEPENDENT STUDY** **1-3 hours credit**

An individual, graduate tutorial course including research topics not covered in available courses. The written specified area of study must have written approval of the department chairman and supervising faculty member prior to registration. May be repeated for a maximum of three hours credit, under different course subtitles recorded with the registrar.

## PHILOSOPHY

**402. THE PROBLEM OF GOD** **3 hours credit**

This course involves an effort to think through the ultimate questions philosophy asks about God's nature and existence. Attention will be given to a variety of themes, including the relationship between God and nature, the personhood of God, atheism, and the meaningfulness of human speech about God. **Prerequisite:** One philosophy course, or consent of instructor. **Three hours per week.**

**403. EXISTENTIALISM** **3 hours credit**

A close look at the basic human problems of self, God and others as seen from the existentialist perspective. Major themes of alienation,

authenticity, freedom, commitment, and dread are traced from their roots in the 19th century philosophies of Kierkegaard and Nietzsche to contemporary expressions by Sartre, Camus, Heidegger and Buber, et al. **Prerequisite:** One philosophy course, or consent of instructor. **Three hours per week.**

**406. PHILOSOPHY OF SCIENCE** **3 hours credit**

A critical examination of the philosophical problems common to the natural sciences, such as the nature of scientific laws and theories, and problems involved in scientific explanation. **Prerequisite:** One philosophy course or consent of instructor. **Three hours per week.**

**450. PHILOSOPHICAL CONCEPTS IN LITERATURE** **3 hours credit**

This course involves an examination of a philosophical theme (e.g., existentialism, tragedy) as reflected in works of literature. The theme to be treated will vary from offering to offering. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** English 101, 102 and one philosophy course, or consent of instructor. **Three hours per week.**

**475. SEMINAR IN PHILOSOPHY** **3 hours credit**

The content of this course varies from semester to semester. It seeks to offer to advanced students in philosophy an opportunity to research and reflect on an issue or theme more thoroughly and intensely than is possible in an ordinary course. May be repeated for credit with faculty approval. **Prerequisite:** Consent of instructor. **Three hours per week.**

**490. INDEPENDENT STUDY** **3 hours credit**

A tutorial course in a specific problem in philosophy, a particular philosopher, or a particular period of philosophy. Open to junior, senior and graduate students, conditional on faculty member's consent. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

## PHYSICAL EDUCATION

**406. ADMINISTRATION AND ORGANIZATION** **3 hours credit**

Problems of administrative structure and procedure, program planning, organization of physical education classes and departments, and organization of athletic programs. **Prerequisite:** Admission to Professional Education Program or equivalent. **Three hours per week.**

**408. MOVEMENT EDUCATION** **3 hours credit**

Analysis of the elements of human movement, with practical applications to the teaching of physical education in grades K through 12. Methods, materials, historical development, readings, practice. **Prerequisite:** Admission to Professional Education Program or equivalent. **Three hours per week.**



**451. PSYCHO-SOCIAL ASPECTS OF PHYSICAL EDUCATION** **3 hours credit**

The interaction of physical education (sports) with the psychological and sociological development of the individual. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

**460. DANCE WORKSHOP** **3 hours credit**

Theory and practice of dance forms used in public school physical education — children's rhythmic activities, modern dance, folk, square and tap dance. Designed as a three-weeks' summer school course for teachers. **Prerequisite:** Teaching experience or consent of instructor.

**490. SELECTED TOPICS IN PHYSICAL EDUCATION** **1 to 3 hours credit**

Provides opportunities for short term needs and interests of students and/or faculty. Also affords avenue for curriculum experimentation and innovation. May be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

## POLITICAL SCIENCE

**401. POLITICAL THEORY** **3 hours credit**

A survey of political thought based on the analysis of ideas of leading ancient, medieval and modern theorists including the historical setting of major theories, their impact on political institutions and social changes, and their contemporary significance. **Prerequisite:** Political Science 201. **Three hours per week.**

**402. AMERICAN POLITICAL THEORY** **3 hours credit**

A survey of the political concepts of the leading American theorists and the impact of these concepts on the American society from the colonial period to the present. **Prerequisite:** Political Science 201. **Three hours per week.**

**410. INTERNATIONAL RELATIONS** **3 hours credit**

A study of major factors underlying international relations including methods of conducting foreign relations, formation of foreign policies of major powers, and means of dealing with international conflicts. **Prerequisite:** Political Science 201. **Three hours per week.**

**411. INTERNATIONAL LAW** **3 hours credit**

A survey of the general principles and special rules of international law

as well as its recent trends and its relations to other aspects of international affairs. **Prerequisite:** Political Science 201. **Three hours per week.**

**412. GOVERNMENT AND POLITICS OF LATIN AMERICA** **3 hours credit**

A comparative study of politics and governments in selected countries in Latin America. **Three hours per week.**

**415. COMPARATIVE ASIAN POLITICAL SYSTEMS** **3 hours credit**

A study of the structure and evolution of political institutions in China, Japan, Korea, and other selected Asian nations since World War II with emphasis upon political modernization, ideology, and nationalism. **Prerequisite:** Political Science 201. **Three hours per week.**

**420. INTERNATIONAL ORGANIZATION** **3 hours credit**

A study of the bases of international organization and factors influencing their development, and considering also the functions and problems of such organizations as well as the future of the world community. **Prerequisite:** Political Science 201. **Three hours per week.**

**430. LEGISLATIVE PROCESS IN THE UNITED STATES** **3 hours credit**

An inquiry into the structural characteristics and functions of Congress and state legislatures. Factors that affect legislative decision making will also be given careful consideration. **Prerequisite:** Political Science 201. **Three hours per week.**

**431. LOCAL GOVERNMENT IN THE UNITED STATES** **3 hours credit**

An examination of county, metropolitan and municipal governments with emphasis on a description of these political subsystems, their place in the federal system, and the relationship between the socio-economic environment, governmental structure and public policy. **Prerequisite:** Political Science 201. **Three hours per week.**

**500. PROBLEMS OF WORLD POLITICS** **3 hours credit**

A study of the political problems and issues among the nations, such as propaganda, causes of war, armaments control, and neutrality, which affect the peace and security of the United States and other nations. **Three hours per week.**

**510. SEMINAR IN AMERICAN GOVERNMENT** **3 hours credit**

A seminar designed to examine contemporary problems in governing the American nation. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**



# PSYCHOLOGY

**403. MEASUREMENT AND EVALUATION IN PSYCHOLOGY** **3 hours credit**

A coverage of correlational techniques, reliability and validity. Psychological tests and questionnaires are considered in terms of their measurement assumptions and utility. **Prerequisite:** Psychology 220 or consent of instructor. **Three hours per week.**

**405. ABNORMAL PSYCHOLOGY** **3 hours credit**

A survey of the etiology, diagnosis and prognosis of neurosis, psychosis, psychosomatic disorders, transient situational maladjustments and personality disorders. Included will be a discussion of various treatment approaches. **Prerequisite:** Psychology 210. **Three hours per week.**

**406. PSYCHOLOGY OF ATTITUDES AND ATTITUDE CHANGE** **3 hours credit**

This course is concerned with how attitudes are formed, measured, and changed. Emphasis will be placed on the classical theories and on new approaches to attitude formulation and change. **Prerequisite:** Psychology 306 or consent of the instructor. **Three hours per week.**

**407. PSYCHOLOGY OF PERSONALITY** **3 hours credit**

A survey of major theoretical approaches to the origin and development of human personality. **Prerequisite:** Psychology 210. **Three hours per week.**

**408. HISTORY AND SYSTEMS IN PSYCHOLOGY** **3 hours credit**

Study of basic integrating theories of psychology. **Prerequisite:** Psychology 211 or consent of the instructor. **Three hours per week.**

**409. ENVIRONMENTAL PSYCHOLOGY** **3 hours credit**

A study of the effects of the environment on human behavior. Consideration will be given to such topics as organizational structure and climate, architecture, population density and urban stress. **Prerequisite:** Psychology 210. **Three hours per week.**

**412. PHYSIOLOGICAL PSYCHOLOGY** **3 hours credit**

The investigation of morphological, neurochemical, and physiological bases of behavior. **Prerequisite:** Psychology 211. **Three hours per week.**

**415. MOTIVATION AND EMOTION** **3 hours credit**

A survey of experimental findings and theory of processes that energize and direct behavior. **Prerequisite:** Psychology 211. **Three hours per week.**

**423. PSYCHOLOGY OF THE EXCEPTIONAL CHILD** **3 hours credit**

A study of children who vary from the norm including the gifted, physically handicapped, mentally handicapped, socially handicapped, emotionally disturbed. **Prerequisite:** Psychology 300 or Psychology 320 or Education 300 or consent of the instructor. **Three hours per week.**

**425. PSYCHOLOGY PRACTICUM** **3 hours credit**

A course designed to provide the psychology major with actual training experience in a variety of clinical settings. May be taken twice. **Prerequisites:** 15 hours in psychology and consent of instructor. **Three hours per week.**

**430. LEARNING THEORY AND ITS APPLICATION** **3 hours credit**

A course designed to acquaint students with the theoretical base and experimental data to support a unified approach to human learning. This course will also provide the student with the direct applicability of learning theory to the education of the individual. **Prerequisite:** Education 300, Psychology 211 (or equivalent) or consent of the instructor. **Three hours per week.**

**435. BEHAVIORAL SELF-CONTROL** **3 hours credit**

A study of learning-based procedures for the self-management of behavior. Major areas of study include contingency management principles, behavioral observation and recording, operational definitions of behavior, reliability statements, and procedures for evaluating any self-management program. **Prerequisite:** Psychology 211. **Three hours per week.**

**440. PSYCHOLOGY OF WOMEN** **3 hours credit**

This course is concerned with sex roles, sex differences, the causes of psychological problems of women, and some possible methods of coping with the rapidly changing roles of both women and men. **Prerequisite:** Psychology 210. **Three hours per week.**

**444. BASIC HELPING RELATIONSHIPS** **3 hours credit**

Designed to provide students with both background and skills in the use of dyadic relationship for promoting the personal growth and development of clients they will see in their future work. The course will emphasize three basic components involved in being a helper: (1) an understanding of yourself; (2) some knowledge of helping skills and (3) experience in applying these skills. **Two hours lecture and three hours laboratory per week.**

**460. INTRODUCTION TO CLINICAL PSYCHOLOGY** **3 hours credit**

A comparative study of the theories and practices in the treatment of



mental and emotional disorders. Included are the most commonly employed analytical, neo-analytical and behavioral systems of clinical psychology as well as a survey of psychodiagnostic materials. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

**462. BEHAVIOR MODIFICATION IN BUSINESS AND INDUSTRY** **3 hours credit**

A behavioral analysis of problems and topics taken from current business and industry journals. Additional emphasis on procedures used in leadership effectiveness programs. **Prerequisite:** Psychology 210. **Three hours per week.**

**465. PRINCIPLES AND TECHNIQUES OF GROUP THEORY** **3 hours credit**

A study of the principles and techniques of group counseling/psychotherapy and their application. Includes a review of the psychological and historical development of group theory and a study of the pertinent research. Discussion and roleplaying are important elements of this course. **Prerequisite:** Advanced standing. **Three hours per week.**

**468. THE PSYCHOLOGY OF MENTAL RETARDATION** **3 hours credit**

A study of the symptoms, causes, diagnosis, assessment, and treatment of mental retardation. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

**480. DYNAMICS OF INDIVIDUAL BEHAVIOR** **3 hours credit**

A study of the psychosocial factors which underlie human behavior, with emphasis on the family atmosphere. **Prerequisite:** Psychology 210. **Three hours per week.**

**490. INDIVIDUAL DIRECTED STUDY** **1-3 hours credit**

A course designed to enable advanced students to pursue through observation, experimentation, or library research a topic of their choosing. May be taken more than once for a maximum of six credits. **Prerequisite:** Consent of department chairman.

**495. SELECTED TOPICS IN PSYCHOLOGY** **1-3 hours credit**

Intensive study in a psychological therapeutic technique, person, developmental period, or theory. May be repeated for credit in different areas of study to a maximum of six credit hours. **Prerequisite:** Consent of instructor.

**501. A SEMINAR IN THE PSYCHOLOGY OF THE MENTALLY RETARDED** **3 hours credit**

A seminar enabling the students to intensively investigate specific

problems in the etiology, diagnosis, assessment and treatment of the mentally retarded. **Prerequisites:** Psychology 468 and consent of instructor. **Three hours per week.**

**503. BEHAVIORAL PROBLEMS IN CHILDREN AND YOUTH** **3 hours credit**

A study of behavior problems in children and young people ranging from mild personality disorders to psychoses. Special consideration is given to symptoms, etiology, and treatment. **Prerequisites:** Master's degree student and consent of instructor. **Three hours per week.**

**504. MENTAL HYGIENE** **3 hours credit**

A study of the forces influencing the development of the stable and the deviate personality and how most effectively to deal with these factors. **Prerequisite:** Psychology 210 or consent of the instructor. **Three hours per week.**

**505. PERSONALITY ASSESSMENT** **3 hours credit**

A survey of the techniques of personality evaluation including questionnaires, situational tests, attitude scales and interviewing procedures. **Prerequisites:** Psychology 520 and consent of instructor. **Three hours per week.**

**507. PSYCHOTHERAPY AND COUNSELING** **3 hours credit**

A study of the philosophical and psychological assumptions and fundamental practices of the major approaches to psychotherapy and counseling in modification of human behavior. **Prerequisite:** Consent of instructor. **Three hours per week.**

**511. DIAGNOSTIC TESTS IN COUNSELING** **3 hours credit**

A study of diagnostic tests in counseling and their relationship to therapeutic procedures in order to better understand clients and to improve effectiveness. **Prerequisite:** Master's degree student. **Three hours per week.**

**515. SEMINAR IN ADOLESCENT BEHAVIOR** **3 hours credit**

This course will cover current issues in adolescent behavior such as: drug use, parental relationships, peer interactions and other related topics. This course will require a paper, an adolescent study, and group work in developing research tools. **Three hours per week.**

**520. CLINICAL ASSESSMENT I** **3 hours credit**

A course dealing with three focal areas: (A) theories of intelligence; (B) administration of individual and group intelligence tests; (C) reporting of intelligence test results. **Prerequisite:** Master's degree student. **Three hours per week.**



**521. CLINICAL ASSESSMENT II AND PROJECTIVE TECHNIQUES** **3 hours credit**

Theory, research findings and clinical applications of major testing instruments relative to the emotionally disturbed, mentally retarded, physically handicapped and brain lesioned. Projective techniques included. **Prerequisite:** Psychology 520. **Three hours per week.**

**525. ADVANCED CLINICAL PRACTICUM** **3 hours credit**

This course is an experimental activity available to master's degree students who are interested in developing their skills in the practice of counseling and clinical activities. Students, in consultation with their advisors, will select appropriate practicum placements in relevant agency or school settings. Supervision of practicum will be provided by both the agency and the department. May be taken twice, under different course subtitles recorded with the registrar. **One hour of lecture and five hours of laboratory per week.**

**530. DIRECTED RESEARCH** **3 hours credit**

Preparation of optional research project in master's degree program under direction of departmental supervision. **Prerequisite:** Consent of instructor. **Three hours per week.**

**531. THESIS** **3 hours credit**

May be repeated once for credit.

**540. COMMUNITY PSYCHOLOGY** **3 hours credit**

This course is designed to provide knowledge in the following areas: activities a community can undertake to meet mental health needs; the concept of treating total communities rather than single patients; and the distinction between preventative and therapeutic services and ways of implementing both on a community basis. **Prerequisite:** Graduate standing. **Three hours per week.**

**555. ADVANCED EXPERIMENTAL PSYCHOLOGY** **3 hours credit**

The assessment of designs for research questions in order to provide students with the necessary research tools to adequately determine the effectiveness of various treatment approaches. **Prerequisite:** Master's degree student. **Two hours lecture and two hours of laboratory per week.**

**560. STATISTICAL ANALYSIS OF EXPERIMENTS** **3 hours credit**

A coverage of the statistical procedures necessary to test hypotheses. Topics to be covered will include test of a single parameter and the differences between two or more parameters. Correlation will be considered also. **Prerequisite:** Master's degree student. **Three hours per week.**

**562. HUMAN DEVELOPMENT** **3 hours credit**

In-depth study of human growth and development. The course is geared to the graduate student who has not had developmental psychology or the psychology of infancy and childhood. Topics to be covered include: biological bases of development, learning, intellectual and moral development, language, motivation and emotion and the socialization influence of family, peers and schools. **Prerequisite:** Psychology 210. **Three hours per week.**

**566. ADVANCED GROUP THEORY AND PRACTICE** **3 hours credit**

In this course students will receive training and knowledge in the following areas: theoretical models for groups; techniques and exercises in facilitating the group process; practice in groups and self-analysis experiences. **Prerequisite:** Psychology 465. **Three hours per week.**

**570. CLINICAL BEHAVIOR THERAPY** **3 hours credit**

Training and practice in the application of the major behavioral approaches in clinical practice including: desensitization, assertive training, cognitive restructuring, and biofeedback. **Prerequisite:** Psychology 460. **Two hours lecture and two hours laboratory per week.**

**575. GRADUATE SEMINAR ON AGING** **3 hours credit**

An intensive survey of some aspects of human aging. Will cover theories, retirement, middle age problems, work, leisure, physical aspects of aging, education, and opportunities for the aged. It is designed to make students sensitive to the needs of the aged, as well as to provide them with basic data. **Three hours per week.**

**580. PHYSIOLOGICAL ASPECTS OF ABNORMAL BEHAVIOR** **3 hours credit**

This course is designed to familiarize the student with brain and nervous system actions, demonstrating how malfunctions in physiological systems correlate with behavioral abnormalities. **Three hours per week.**

## SCIENCE

**400. SPECIAL TOPICS IN PHYSICAL SCIENCE** **3 hours credit**

A study of a specific area of physical science. The topic will vary from semester to semester. The course may be taken twice for credit, under different course subtitles recorded with the registrar. **Three hours per week.**



**500. THE ROLE OF SCIENCE IN MODERN CIVILIZATION** **3 hours credit**

An historical consideration of the development of the scientific approach and a critical analysis of its continuing role in modern civilization. **Three hours per week.**

**503. ADVANCED PHYSICAL SCIENCE I** **3 hours credit**

A study of selected basic concepts of physical science in the areas commonly encountered in elementary and general science teaching. Areas of study include atomic structure, radiation and nuclear energy. **Prerequisite:** Science 101, 105 or equivalent. **Two hours lecture and one two-hour laboratory per week.**

**504. ADVANCED PHYSICAL SCIENCE II** **3 hours credit**

A study of selected basic concepts of physical science in areas commonly encountered in elementary and general science teaching selected from the areas of systematic and applied organic chemistry. **Prerequisite:** Science 101, 105 or equivalent. **Two hours lecture and one two-hour laboratory per week.**

**530. DIRECTED RESEARCH** **3 hours credit**

Preparation of optional research project in master's degree program under direction of departmental supervision.

## SOCIAL SCIENCE

**400. CURRENT PROBLEMS** **3 hours credit**

A study is made of either general or special topics of our times. The topics are considered from historic aspect and the present social and cultural setting in which they occur. **Three hours per week.**

## SOCIAL WORK

**410. ALCOHOL AND DRUGS: IMPLICATIONS FOR HUMAN SERVICES** **3 hours credit**

A course focusing on the various forms of alcohol and drug use with an emphasis on the stages of harmful dependence and addiction. There will be an examination of our social and legal responses to these drugs and their users, as well as approach to treatment, rehabilitation and prevention. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

**420. COMMUNITY ORGANIZATION: STRATEGIES FOR CHANGE** **3 hours credit**

A study of various methods of social intervention utilized in promoting the development of community action in dealing with social problems. Focus will be on the role of the social worker, the interactional processes and the impact on social institutions. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

**471. SOCIAL WORK METHODS I** **3 hours credit**

Formulation of a common base for social work practice, utilization of interviewing and communication to develop helping relationships; identifying social worker roles and modes of intervention based upon application of social work and social science knowledge. **Prerequisite:** Social Work 375 or consent of the instructor. **Three hours per week.**

**472. SOCIAL WORK METHODS II** **3 hours credit**

Development of modes of intervention with individual, family, group and community selection; implementation and evaluation of modes of intervention to stabilize, develop and enhance social functioning of individual and family and groups. To be taken concurrently with Social Work 473. **Prerequisite:** Social Work 471 or consent of instructor. **Three hours per week.**

**473. FIELD INSTRUCTION IN SOCIAL WORK I** **6 hours credit**

Social work practice experience achieved through placement and participation in a community service or program; available only to students approved for social intervention. Emphasis will be placed upon use of observation, communication, interviewing, and utilization of community resources so that these skills and concepts may become significant for the student as a practitioner. Taken concurrently with Social Work 472. **Prerequisite:** Social Work 471 and approval by the department. The department reserves the right to limit registration. The field experience may be terminated any time the student is not performing satisfactorily. **15 hours of field experience per week plus weekly conferences with faculty advisor.**

**475. FIELD INSTRUCTION IN SOCIAL WORK II** **6 hours credit**

Continuation of direct experience in the delivery of social services with assigned agency and increased emphasis on relationship and interaction, data collection and assessment, treatment, termination and evaluation. To be taken concurrently with Social Work 477. **Prerequisite:** Social Work 473 and approval by the department. The department reserves the right to limit registration. The field experience may be terminated any time the student is not performing satisfactorily. **15 hours of field experience per week plus weekly conferences with faculty advisor.**



**477. SOCIAL WELFARE-SOCIAL WORK SEMINAR** **3 hours credit**

Integration of human needs, ethical issues of intervention, values and necessity for practical solutions to social problems discovered in the field experience; exploration of current concerns within the social work profession and in selected practice across disciplines; dilemmas and problems in social welfare programs and services. To be taken concurrently with Social Work 475. **Prerequisite:** Social Work 473 or consent of instructor.

**480. HUMAN SERVICE IN RURAL SETTINGS** **3 hours credit**

An examination of the social ecology of the rural community, the formal and informal human service delivery systems, and the network of existing and potential community resources. Special emphasis will focus on understanding the need for development of a broad range of social work practice skills. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

**481. SOCIAL WORK IN SPECIAL SETTINGS** **3 hours credit**

Social work concepts, methods and program development in selected settings such as school, medical, correctional, family and child welfare settings; study of setting; review and analyze organizational arrangements for social work practice in these settings. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

**482. SOCIAL WORK WITH MINORITY GROUPS** **3 hours credit**

Social work concepts, methods, values, commitments to program development for minority groups such as handicapped, blacks, migrant workers, etc.; a careful look at subcultures, situational and significant organizational arrangements for social work practice with these groups. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

**484. SOCIAL WORK AND THE LAW** **3 hours credit**

The study of family, social welfare, and consumer law. The legal authority of social agencies and their power to make rules; and guidelines for court testimony and on rules of evidence will be included in the course of study. **Prerequisite:** Social Work 271 or consent of instructor. **Three hours per week.**

**499. SOCIAL WORK WITH FAMILIES AND GROUPS** **3 hours credit**

The course is directed at developing social work practice skills. Areas of study include: The developmental tasks of the family system; stages of group development, the goal orientation in work with families and groups, and considerations for problem solving; shared group leadership roles; and changing family relationship roles. **Prerequisite:** Social Work 471 or consent of instructor. **Three hours per week.**

# SOCIOLOGY AND ANTHROPOLOGY

**405. SOCIOLOGY OF LAW** **3 hours credit**

A study of formal legal statements as communications both reflecting and influencing life in society. Selected examples of the conflict between legality and social reality, with attention to both substantive and procedural issues of law; consideration of possible solutions. **Three hours per week.**

**409. SOCIOLOGY OF EDUCATION** **3 hours credit**

Analysis of public education as a bureaucratic social institution, the countervailing community power structure and the professional role of the educator. **Three hours per week.**

**410. SOCIAL RESEARCH II** **3 hours credit**

Advanced training in methods of data collection and analysis through involvement in practical research activity. Emphasis on the challenge of social science research, with attention to such issues as ethical restrictions on observations, communications problems in data collection, limitations of simple models. **Prerequisite:** Sociology 309, or consent of the instructor. **Three hours per week.**

**414. COMMUNITY SOCIOLOGY** **3 hours credit**

An investigation of communities as social systems emphasizing current directions in community research. **Three hours per week.**

**416. INDIVIDUAL DIRECTED STUDY** **3 hours credit**

Intensive, advanced study in an area of sociology available on request to sociology majors of outstanding ability. **Three hours per week.**

**419. SOCIAL CHANGE AND SOCIAL PLANNING** **3 hours credit**

Explores why whole societies like the U.S. change. Compares contemporary industrial and developing countries by critically examining classical and current theories of sociocultural change. Considers strategies for purposive changing of a society. **Three hours per week.**

**422. CONTEMPORARY SOCIOLOGICAL THEORY** **3 hours credit**

An analysis of the current state and future directions of sociological theory. **Three hours per week.**

**430. THE SOCIOLOGY OF HEALTH AND ILLNESS** **3 hours credit**

The study of social factors involved in health and illness emphasizing the institution of medicine in American society. **Three hours per week.**



**435. SOCIOLOGY OF MENTAL DISORDERS** **3 hours credit**

The study of socio-cultural factors in mental health and illness emphasizing social causation and patterns of distribution. **Three hours per week.**

**452. COMPARATIVE CULTURES** **3 hours credit**

Cross-cultural survey of primitive societies with emphasis on human social differences and their meaning. Africa, Asia, North and South America, Oceania. This course will focus on cultural diversity of mankind concentrating on varying marital, religious, economic, family and social patterns. **Three hours per week.**

**459. SEMINAR IN ANTHROPOLOGY: SELECTED TOPICS** **3 hours credit**

Individual and group study of selected topics from the four subdisciplines of anthropology (cultural anthropology, physical anthropology, linguistic anthropology, archaeology), **Three hours per week.**

**499. EXPERIMENTAL SOCIOLOGY** **3 hours credit**

Number reserved for courses approved by the academic council as an experimental response to student interest or community need. **Three hours per week.**

**512. GRADUATE SEMINAR IN SOCIOLOGY** **3 hours credit**

Study and discussion of a selected topic of sociological significance, such as social movements, roots of social inequality, analysis of social power or the management of conflict. **Prerequisite:** Six hours of sociology or consent of instructor. **Three hours per week.**

**516. INDIVIDUAL DIRECTED STUDY** **3 hours credit**

Intensive study in a specific area of sociology agreed upon by student and faculty. Open only to students who have completed 6 hours in sociology and are taking a concentration in sociology. **Prerequisite:** Approval of chairman.

**530. DIRECTED RESEARCH** **3 hours credit**

Preparation of optional research project in master's degree program under direction of a departmental supervisor. **Prerequisite:** Approval of chairman.

**560. A PRACTICUM OR INTERNSHIP** **1 to 6 hours credit**

An applied sociology combination of study and work with the primary emphasis on integrating the theoretical concepts of sociology with a practical experience of work with a recognized employing unit able to provide adequate on-the-job guidance. One to six hours credit to be determined by the student and the faculty coordinator. **Prerequisite:** Nine hours in sociology and approval of chairman.

## SPANISH

**405. SPECIAL PROBLEMS IN SPANISH** **1-3 hours credit**

Individual study of special areas in Spanish linguistics such as phonetics and diction; in the history and evolution of the language; or in Spanish and Latin American literature; with advice and direction from a member of the department. May be repeated by same student with new content. **Prerequisite:** Spanish 320, or 321 or consent of department chairman.

**412. SPANISH LITERATURE OF THE GOLDEN AGE** **3 hours credit**

Study of selected masterpieces of Spanish literature of the *Siglo de Oro.* **Prerequisite:** Spanish 320 or 321 or consent of department chairman. **Three hours per week.**

**415. NINETEENTH AND TWENTIETH CENTURY SPANISH LITERATURE** **3 hours credit**

A study of the development of movements in Spanish literature of this period through selected works of outstanding authors. **Prerequisite:** Spanish 320 or 321 or consent of department chairman. **Three hours per week.**

**417. NINETEENTH AND TWENTIETH CENTURY SPANISH AMERICAN LITERATURE** **3 hours credit**

A study of the major works in Spanish American literature of the 19th and 20th centuries. **Prerequisite:** Spanish 320 or 321 or consent of department chairman. **Three hours per week.**

**418. CONTEMPORARY LITERATURE IN SPANISH** **3 hours credit**

A study of selected contemporary works in Spanish. The selection will vary from year to year. **Prerequisite:** Spanish 320 or 321 or consent of department chairman. **Three hours per week.**

**495. SPANISH FOR PROFESSIONAL AND SERVICE PERSONNEL I** **3 hours credit**

Students develop fluency in spoken and written Spanish. Situational dialogues in cross-cultural setting underline practical intent. Specific applicability for migrant teachers, social workers, business and hospital personnel. **Three hours per week.**

**496. THE BILINGUAL, BICULTURAL CLASSROOM** **3 hours credit**

Preparation for those in education whose work may involve contact with students and parents from different language and cultural backgrounds, with emphasis on the problems and needs of the Spanish speaking child. Studies include cross-cultural communication; survival skills in Spanish; culturally revelant materials. **Three hours per week.**



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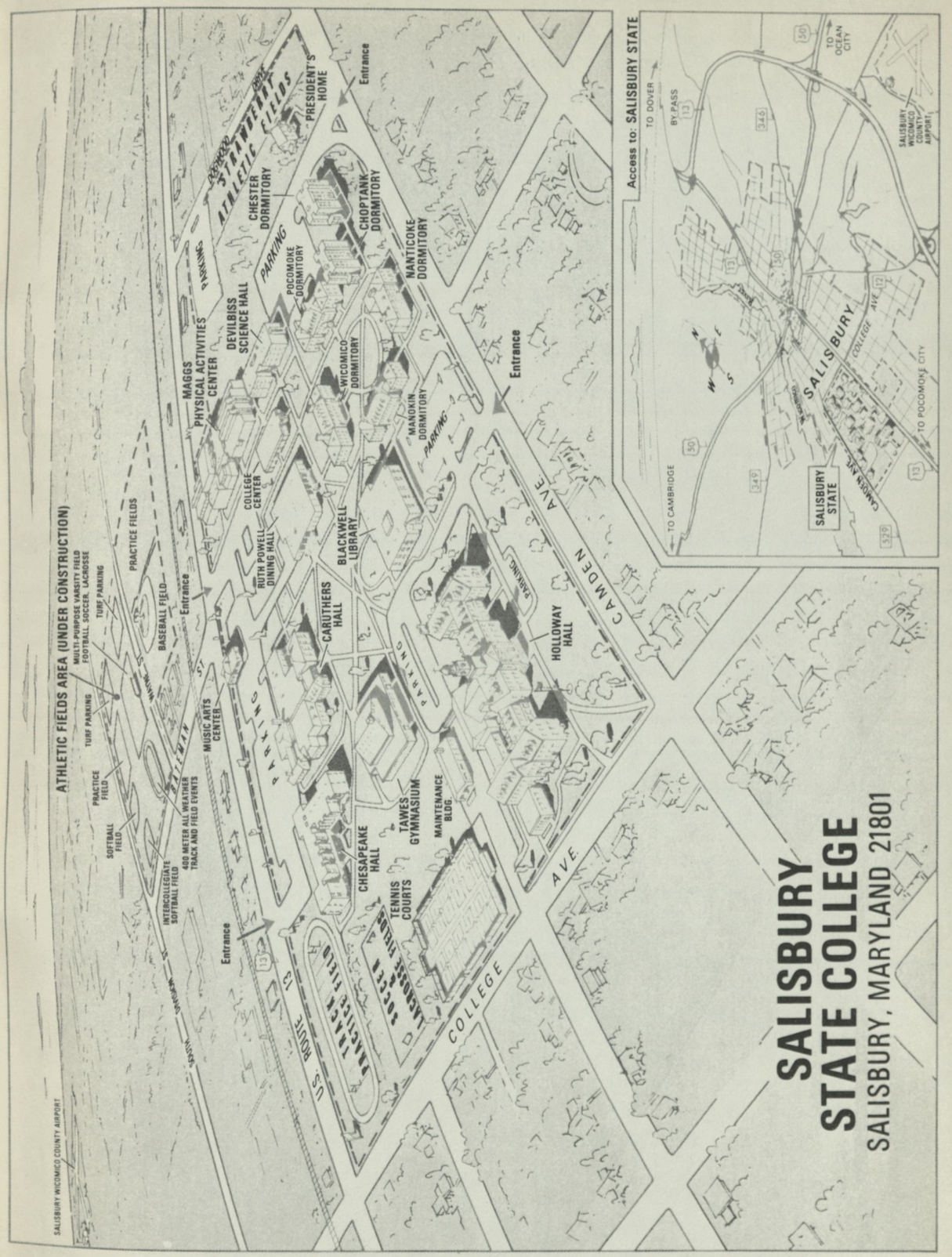
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